Index of Claims

| Application/ | Cor | itrol | No. |
|--------------|-----|-------|-----|
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09/855,828

Examiner

Jon M. Lockard

Applicant(s)/Patent under Reexamination

CREECH ET AL.

Art Unit

1647

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

|   | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla       | aim                                    | Γ            |          |  | -        | Dat                                    |  |  |          | -        | 1   | Cla   | aim      |          |          |  | -                  | Date     | —<br>е   |
|-----------|--|--------------|----------|--|----------|--|--|--|----------|----------|-----|-------|----------|----------|----------|--|--------------------|----------|----------|
|           |  |              | Γ        |  |          |  |  |  | Γ        | Г        | ĺ   |       |          |          |          |  |                    |          | Ē        |
| क         | Original                               | 4/28/05      |          |  |          |  |  |  | İ        | l        |     | a     | Original |          | ŀ        |  |                    |          |          |
| Final     | Ē                                      | 28           |          |  |          |  |  |  |          |          |     | Final | ij       | ŀ        |          |  | l                  |          |          |
| -         | ō                                      | 4            |          |  |          |  |  |  |          |          |     | _     | ō        |          |          |  |                    |          |          |
|           | 1                                      | 1            | -        | _  | ┢        | -                                      | ├  | $\vdash$   | ├        | ╁        | 1   |       | 51       | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$           |          | ╁        |
| _         | 2                                      | 1            | $\vdash$ | -  | -        | ╌                                      | ┢  | $\vdash$   | ┢        | ⊢        | 1   |       | 52       | -        | ┝        | $\vdash$   | ├─                 | ┢        | ╁╴       |
|           | 3                                      | 1            | <u> </u> |  | -        | ⊢                                      | -  | -  | ⊢        |          | {   |       | 53       | $\vdash$ | H        | ├  | ⊢                  |          | ┝        |
|           | 4                                      | V            | $\vdash$ |  | ⊢        | ⊢                                      | ├  | ⊢  | ├        | ├        | {   |       | 54       | $\vdash$ | -        |  | -                  |          | ┝        |
| -         |  | ·            | <u> </u> |  | ⊢        | <u> </u>                               | -  |  | ⊢        | ⊢        |     |       |          | _        | <u> </u> | ⊢  | ⊢                  | _        | ⊢        |
|           | <b>S</b>                               | -            | H        | -  | ⊢        | ├                                      | -  |  | ┝        | ⊢        |     |       | 55       | -        |          | -  | -                  | _        | ┡        |
| <u></u>   | 6                                      | 1            | Щ        |  | <u> </u> | ļ                                      | <u> </u>   | -  | <b>—</b> | ⊢        |     |       | 56       |          |          | -  | ļ                  | ļ.,      | ┡        |
| <u> </u>  | 7                                      | 1            |          |  | L        | _                                      | ⊢  | <u> </u>   | <u> </u> | ⊢        |     |       | 57       | _        |          |  |                    |          | ₽        |
|           | В                                      |              |          | _  | <u> </u> | ļ                                      | <u> </u>   | <u> </u>   | <u> </u> | ╙        |     |       | 58       | _        | _        | _  | _                  | _        | L        |
| <u> </u>  | 9                                      |              | -        | _  | ╙        | L                                      | <u> </u>   |  |          | L        |     |       | 59       |          | _        | <u> </u>   | Ŀ                  | L.       | L        |
|           | 10                                     | <u> </u>     |          | _  | ╙        | <u> </u>                               | _  | L_   | _        | <u> </u> | Į į |       | 60       | Ц.       |          | _  | _                  |          | L        |
|           | 11                                     |              | L        |  | L.       | _                                      | _  |  | 匚        | ╙        | Į   |       | 61       | ᆫ        |          |  | <u> </u>           | _        | L        |
| <u></u>   | 12<br>13                               |              | L        |  | _        | L_                                     |  |  | 匚        | ┖        |     |       | 62       | L        |          | L  | _                  |          | L        |
|           | 13                                     |              | L        |  | _        |  | <u> </u>   |  |          |          |     | L     | 63       |          |          |  |                    |          |          |
| L         | 14<br>15                               |              |          |  |          |  |  |  |          |          |     |       | 64       |          |          |  | l                  |          |          |
|           | 15                                     |              |          |  |          |  |  |  |          |          |     |       | 65       |          |          |  |                    |          | Γ        |
|           | 16                                     |              |          |  |          |  |  |  |          |          |     |       | 66       |          |          |  |                    |          | Γ        |
|           | 17                                     |              |          |  |          |  |  |  |          | Π        | 1   |       | 67       |          |          |  |                    |          | Γ        |
|           | 18                                     | 1            |          |  |          | Г                                      |  |  |          |          |     |       | 68       |          |          | Г  | Г                  |          | Г        |
|           | 19                                     | 7            |          |  |          |  |  |  | _        | ┢        |     | -     | 69       |          |          |  | Т                  | Г        | ✝        |
| <b>——</b> | 20                                     | H            |          |  |          | $\vdash$                               |  |  | -        | ┢        |     |       | 70       | _        | _        | ┢  | $\vdash$           |          | t        |
|           | 21                                     | ┢            | Н        |  |          | _                                      | <del>                                     </del> |  | $\vdash$ | $\vdash$ |     |       | 71       | $\vdash$ |          | -  | $\vdash$           |          | ┢        |
|           |  | <del> </del> | -        | _  |          | H                                      | -  | -  | $\vdash$ | $\vdash$ |     | _     | 72       | _        | -        | -  |                    |          | ┢╌       |
| $\vdash$  | 22<br>23                               | -            | -        | $\vdash$   |          | $\vdash$                               | ├-   | -  | -        | -        |     |       | 73       | -        | -        | -  | ┢                  | -        | ┢        |
|           |  | -            | -        | $\vdash$   | $\vdash$ | $\vdash$                               | ├-   | ├  | -        | $\vdash$ |     |       | 74       | $\vdash$ | $\vdash$ | ┝  | ⊢                  | $\vdash$ | ⊢        |
| -         | 24<br>25<br>26<br>27<br>28<br>29<br>30 | ┢─           | H        | $\vdash$   | _        | ⊢                                      | ⊢  | ┝  | -        | ├        |     | -     | 75       |          | _        | ┢  | ⊢                  |          | ⊢        |
|           | 40                                     | ⊢            | $\vdash$ | ┝  |          | ⊢                                      | ⊢  | ├─   | ├        | ├        |     |       | 76       | _        | <u> </u> | _  | ⊢                  |          | ┝        |
| -         | 42                                     | ⊢            | Н        | ļ  |          | ⊢                                      | <del>  -</del>                                   | ⊢  | ⊢        | ├        |     |       |          |          | _        |  | ├                  | <u> </u> | Ͱ        |
|           | 4                                      | ⊢            | $\vdash$ | -  |          | -                                      | <del>  -</del>                                   | -  | -        | H        |     |       | 77       |          |          | -  | -                  |          | ┝        |
|           | 42                                     | $\vdash$     |          | _  | <u> </u> | _                                      | -  | <del> </del>                                     | <u> </u> |          |     |       | 78       |          | <u> </u> | <u> </u>   | <u> </u>           |          | ┡        |
|           | 42                                     | <u> </u>     |          | <u> </u>   | -        | ├-                                     | <u> </u>   | <b> </b>   | <u> </u> | <u> </u> |     |       | 79       | _        |          | <u> </u>   | ┡                  | <u> </u> | ┡        |
| <u> </u>  | 30                                     | <u> </u>     |          | _  | L.       | <u> </u>                               | _  | Ļ.   | <u> </u> | <u> </u> |     |       | 80       |          |          | _  | <u> </u>           | <u> </u> | L        |
| <u> </u>  | 31                                     | <u> </u>     |          |  | <u> </u> | <u> </u>                               | <u> </u>   | ļ  | L        |          |     |       | 81       |          |          | L  | L                  | L        | Ļ        |
|           | 32                                     | L            |          | <u> </u>   |          | <u> </u>                               |  | <u> </u>   | _        |          |     |       | 82       |          |          | <u> </u>   | <u> </u>           | L.       | L        |
|           | <u> 3B</u>                             |              |          | _  |          |  | L  | L  | _        |          |     |       | 83       |          | Ь.       | _  | Щ                  |          | L        |
|           | 32<br>33<br>34                         | Ш            |          |  |          | <u> </u>                               | <u> </u>   | ļ  | <u> </u> | _        |     |       | 84       |          | Ц.       | Ц.   | <u> </u>           | L.,      | L        |
|           | 35                                     | Ш            | L        | L  | <u>_</u> | <u> </u>                               | <u> </u>   | <u> </u>   |          | <u> </u> |     | L     | 85       | Ц.       | Ш.       | Ц.   | ļ                  | <u> </u> | $\perp$  |
|           | 36                                     |              |          |  |          | $\Box$                                 |  | $\Box$   |          |          |     |       | 86       |          |          |  | $oxedsymbol{oxed}$ |          | L        |
|           | 37                                     |              |          |  |          | $\Box$                                 | $\Box$   | $oxedsymbol{oxed}$                               | _        | L        |     |       | 87       |          |          |  |                    |          |          |
|           | 38                                     |              |          |  |          |  |  |  |          |          |     |       | 88       |          |          |  |                    |          | Ĺ        |
|           | 39                                     |              |          | L  |          | Ĺ                                      | L  | L  | L        |          |     |       | 89       |          |          |  |                    | L        | Ĺ        |
|           | 40                                     |              |          |  |          |  |  |  |          |          |     |       | 90       |          |          |  |                    |          | Г        |
|           | 41                                     |              |          |  |          |  |  |  | ļ .      |          |     |       | 91       |          |          |  |                    |          | Г        |
|           | 42                                     |              |          | Γ  |          |  | Γ  |  |          |          |     |       | 92       |          |          |  |                    |          | Г        |
|           | 43                                     |              |          |  | Г        | Γ                                      | Г  | Ι  | Π        | Г        | 1   |       | 93       |          | Г        | Г  | Г                  |          | Γ        |
|           | 44                                     |              |          |  | T        | <u> </u>                               | T  |  |          | Π        |     |       | 94       |          | П        | Г  | <u> </u>           | $\vdash$ | Т        |
|           | 45                                     |              | П        |  |          | T                                      |  | Г  | Г        | T        |     |       | 95       |          | Г        | T  | Г                  | Г        | T        |
|           | 46                                     | Г            |          | <del>                                     </del> |          | T                                      | <u> </u>   | ⇈  | $\vdash$ | $\vdash$ | 1   |       | 96       |          | М        | T  | $\vdash$           | $\vdash$ | T        |
|           | 47                                     | $\vdash$     |          | $\vdash$   |          | Г                                      | i –  | i –  |          |          | 1   |       | 97       | $\vdash$ | М        |  | T                  | Ι-       | T        |
|           | 48                                     | Н            |          | $\vdash$   | 1        | $\vdash$                               | ┢  | Ι-   | Н        |          |     |       | 98       |          | m        | <del>                                     </del> | $\vdash$           | $\vdash$ | t        |
| <b>—</b>  | 49                                     |              | -        | ┢  | <u> </u> | $\vdash$                               | ┢  | <del>                                     </del> | $\vdash$ | $\vdash$ |     |       | 99       | $\vdash$ | Ь        | <del>                                     </del> | $\vdash$           | $\vdash$ | $\vdash$ |
|           | 50                                     | $\vdash$     | $\vdash$ | ┢  | $\vdash$ |  | ┢  | ┢╌   | $\vdash$ | $\vdash$ |     |       | 100      | $\vdash$ | $\vdash$ | -  | $\vdash$           | $\vdash$ | $\vdash$ |
| L         |  |              | ш        | Щ  | Щ.       | ــــــــــــــــــــــــــــــــــــــ | Ь  | Ь  | _        |          | ,   |       |          | _        | Ь        | L  | L                  | L        | 1        |

| Cit                                   | 31111                            | $\vdash$ | _        | _        |          | יוני     | =        | _        |          |          |
|---------------------------------------|----------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Final                                 | Original                         |          |          |          |          | :        |          |          |          |          |
|                                       | 51                               |          |          |          |          |          |          |          |          |          |
| <u> </u>                              | 51<br>52<br>53                   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          | _        | $\vdash$ |          |          |
| -                                     | 52                               | $\vdash$ | $\vdash$ | _        | ⊢        | -        | -        | -        | $\vdash$ | $\vdash$ |
|                                       | 53                               | $\vdash$ | -        |          | -        | -        | -        |          | _        |          |
|                                       | 54<br>55                         | -        | $\vdash$ |          | $\vdash$ |          |          | $\vdash$ | _        | _        |
|                                       | 55                               | _        | _        |          |          |          |          |          |          | _        |
|                                       | 56                               |          |          |          |          |          |          |          |          |          |
|                                       | 57                               | Ш        |          |          |          |          |          |          |          |          |
|                                       | 57<br>58                         |          |          |          |          |          |          |          |          |          |
|                                       | 59                               |          |          |          | ·        |          |          |          |          |          |
|                                       | 60                               |          |          |          |          |          |          |          |          |          |
|                                       | 60<br>61                         | $\vdash$ |          |          |          |          |          |          |          |          |
| <b>-</b>                              | 62                               | $\vdash$ | _        | _        | $\vdash$ | _        | _        | -        | _        |          |
|                                       | 62                               | ⊢        |          | _        | -        | -        |          | -        | _        | _        |
|                                       | 03                               | <u> </u> | _        |          | <u> </u> | $\vdash$ | $\vdash$ | _        |          |          |
| <u> </u>                              | 64                               | <u> </u> | L        | <u> </u> | L        | L!       | Ш        | Щ        | L        |          |
| L                                     | 65                               | L.       |          |          | <u> </u> |          |          | <u> </u> | L_       |          |
| <u> </u>                              | 62<br>63<br>64<br>65<br>66       |          |          |          | L        |          |          | L        |          |          |
| L                                     | 67                               |          |          |          |          |          |          |          |          |          |
|                                       | 68                               |          |          |          |          |          |          |          |          |          |
|                                       | 68<br>69                         |          |          |          |          |          |          |          |          |          |
| , , , , , , , , , , , , , , , , , , , | 70                               |          |          |          |          |          |          |          |          |          |
|                                       | 71                               |          |          |          | П        |          |          |          |          |          |
|                                       | 72                               |          |          |          | -        |          |          | _        |          | _        |
|                                       | 73                               |          |          |          | $\vdash$ | -        | -        | _        |          | _        |
|                                       | 74                               |          |          | _        | $\vdash$ |          |          | $\vdash$ |          | _        |
|                                       | 70<br>71<br>72<br>73<br>74<br>75 |          |          |          |          |          |          | $\vdash$ | $\vdash$ | -        |
| <u> </u>                              | 76                               |          |          |          | H        |          | _        |          |          | _        |
| <b> </b>                              | 76<br>77                         |          |          |          | $\vdash$ |          | _        |          | ⊢        |          |
| -                                     | 78                               | -        |          |          | -        | -        |          | -        | -        | _        |
|                                       | 70                               | -        |          | -        | -        |          |          | -        |          | _        |
| -                                     | 79<br>80                         | _        | _        | _        | H        | _        | _        | _        | $\vdash$ | _        |
| -                                     | 00                               |          | _        |          | $\vdash$ | _        | _        | <u> </u> | L        |          |
| <u> </u>                              | 81<br>82<br>83                   | _        |          | _        |          | _        |          |          | _        |          |
| -                                     | 82                               | _        |          | _        | _        |          | _        |          | _        |          |
|                                       | 83                               |          |          | _        | _        |          |          |          |          |          |
|                                       | 84                               |          |          | Щ.       |          |          |          |          |          |          |
| L                                     | 84<br>85                         |          |          |          |          |          |          |          |          |          |
|                                       | 86                               |          |          |          |          |          |          |          |          |          |
|                                       | 87                               |          |          |          |          |          |          |          |          |          |
|                                       | 88                               |          |          |          |          |          |          |          |          |          |
|                                       | 89                               |          |          |          |          |          |          |          |          |          |
|                                       | 90                               |          |          |          |          |          |          |          |          |          |
|                                       | 91                               |          |          |          |          |          |          |          |          |          |
|                                       | 92                               |          |          |          |          |          |          |          |          |          |
|                                       | 93                               |          |          |          |          |          |          |          |          |          |
|                                       | 94                               |          |          |          |          |          |          |          |          |          |
|                                       | 95                               |          |          |          |          |          |          |          |          |          |
|                                       | 96                               |          |          |          |          |          |          |          |          |          |
|                                       | 97                               |          |          |          |          |          |          |          |          |          |
|                                       | 98                               |          |          |          |          |          |          |          |          |          |
|                                       | 99                               |          |          |          |          |          |          |          |          |          |
|                                       | 100                              |          |          |          |          |          |          |          | П        |          |

| Cli   | aim  | Date     |   |          |          |          |  |              |          |                 |  |  |
|-------|--|----------|---|----------|----------|----------|--|--------------|----------|-----------------|--|--|
| Final | Original   |          |   |          |          |          |  |              |          |                 |  |  |
|       | 101  |          |   |          | Г        |          |  | Н            | $\vdash$ |                 |  |  |
|       | 102  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 103  |          |   |          |          |          |  |              |          | П               |  |  |
|       | 104<br>105   |          |   |          |          |          |  |              |          |                 |  |  |
|       | 105  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 106<br>107   |          |   |          |          |          |  | Ŀ            |          | Щ               |  |  |
|       | 107  | L        |   |          |          |          |  |              |          | Ш               |  |  |
|       | 108  | _        |   |          |          | _        | _  | _            | $\vdash$ | $\square$       |  |  |
|       | 109  | _        | _ |          |          |          |  |              | <u> </u> | H               |  |  |
|       | 110  |          |   |          |          |          |  | <u> </u>     | -        | $\vdash \vdash$ |  |  |
|       | 111<br>112<br>113                                    | $\vdash$ | _ | $\vdash$ | H        | H        | $\vdash$   | <del> </del> | $\vdash$ | Н               |  |  |
|       | 113  |          | _ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$        |  |  |
|       | 114  |          | _ | <b>-</b> |          | H        | <del>                                     </del> | $\vdash$     | $\vdash$ | ᅥ               |  |  |
|       | 114<br>115   |          |   |          | H        | -        | ┢  | $\vdash$     |          | H               |  |  |
|       | 116  |          |   |          |          | Г        |  |              |          | П               |  |  |
|       | 117  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 117<br>118   |          |   |          |          |          |  |              |          |                 |  |  |
|       | 119  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 120  |          |   |          |          |          |  |              |          | Ш               |  |  |
|       | 121  |          |   |          |          |          |  | <u> </u>     |          | Ш               |  |  |
|       | 122  | _        |   |          | _        |          |  |              |          | Ш               |  |  |
|       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 |          |   |          |          |          | _  | _            |          | Ш               |  |  |
|       | 124  |          |   | _        |          |          | H  | ⊢            |          | Н               |  |  |
|       | 125  |          |   |          |          |          | H  | -            | ļ        | Н               |  |  |
|       | 127  | _        |   | _        | -        |          | -  | -            | -        | Н               |  |  |
|       | 128  |          |   |          |          |          | -  |              |          | Н               |  |  |
|       | 129  |          |   |          |          | -        | -  | ┢            |          | H               |  |  |
|       | 128<br>129<br>130<br>131                             |          |   |          |          |          |  | Г            |          | Ħ               |  |  |
|       | 131  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 132  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 133  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 133<br>134   |          |   |          |          | _        | _  | _            |          | Ŀ               |  |  |
|       | 135  |          |   |          |          |          |  |              | ļ        | Ш               |  |  |
|       | 136<br>137<br>138                                    |          | _ | _        |          |          | _  | <u> </u>     | L        | Щ               |  |  |
|       | 137  |          |   |          |          |          | $\vdash$   | $\vdash$     | <u> </u> | Н               |  |  |
|       | 138  | H        | Щ | H        | H        | H        | $\vdash$   | H            | ļ        | Н               |  |  |
|       | 140  | $\vdash$ | _ | $\vdash$ |          | $\vdash$ | $\vdash$   | $\vdash$     | <u> </u> | $\vdash\vdash$  |  |  |
|       | 141  | -        | _ | -        | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$     | -        | $\vdash$        |  |  |
|       | 142  | H        | _ | H        |          | $\vdash$ | $\vdash$   | Н            | <u> </u> | $\vdash \vdash$ |  |  |
|       | 143  | Н        |   |          |          | Н        | Н  | H            | <u> </u> | Н               |  |  |
|       | 144  |          | _ | _        | -        | Н        | <b>—</b>   | П            |          | Н               |  |  |
|       | 145  |          |   |          |          |          |  |              |          | Н               |  |  |
|       | 146  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 147  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 148  |          |   |          |          |          |  |              |          |                 |  |  |
|       | 149  |          |   |          |          |          | 匚  |              |          |                 |  |  |
|       | 150  |          |   |          |          |          |  |              |          |                 |  |  |